

WHAT IS CLAIMED IS:

1. A replenishment receptacle for containing particulate material, and for facilitating replenishing the particulate material from said
5 replenishment receptacle into a reservoir of an electrostatographic reproduction apparatus, said replenishment receptacle comprising:
 - a container including a chamber defining an orifice, said chamber capable of being filled with the particulate material through said orifice;
 - a closure connected to said container, said closure having inner
10 surfaces adjacent to said orifice and outer surfaces opposite said inner surfaces, said outer surfaces having at least two tab-like features for locating said closure, with said container attached thereto, relative to the reservoir, said tab-like features positioned and shaped so that said closure may be produced by an injection molding process, including a mold having only two separable parts for ready
15 removal of said closure, with said at least two tab-like features, from said mold; and
 - a cover, operatively connectable to said closure, for selectively closing said orifice after said container is filled with particulate material, and opening said orifice after said closure, with said container attached thereto, is
20 located, by said at least two tab-like features, relative to the reservoir.
2. The replenishment receptacle of Claim 1, wherein said container has at least one protrusion, and said closure defines at least one notch, wherein, when said closure is connected to said container, said at least one
25 protrusion engages said at least one notch, thereby locking said closure to said container to prevent accidental separation of said closure from said container during shipping and handling.
3. The replenishment receptacle of Claim 1, wherein said
30 closure defines a groove and said cover slides into said groove.

4. The replenishment receptacle of Claim 3, wherein said cover has an inner side, facing said orifice, and an outer side, opposite said inner side, said inner side having a cellular urethane foam gasket connected thereto, for sealing against flow of the particulate material past said cover, thereby preventing
5 leakage of the particulate material from said container.

5. The replenishment receptacle of Claim 4, wherein said outer side of said cover has at least one ramp-shaped protruding feature, which permits said cover to be inserted into said groove, but prevents said cover from
10 being fully withdrawn from said groove after being inserted into said groove.

6. The replenishment receptacle of Claim 4, wherein said cellular urethane foam gasket thickness is in the range of 0.1-0.2 inches thick and has density in the range 240-480 kg/cm³.

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7. The replenishment receptacle of Claim 6, wherein said cellular foam gasket includes a laminated polyester film with thickness in the range 0.001-0.002 inches.

8. A replenishment receptacle for containing particulate material, and for facilitating replenishing the particulate material from said replenishment receptacle into a reservoir of an electrostatographic reproduction apparatus, said replenishment receptacle comprising:

- a container having a contiguous flange which defines an orifice in said container, for filling said container with particulate material, said flange having an inner surface facing said orifice and an outer surface opposite said inner surface, said outer surface having at least one protrusion;
- a closure having an inner wall for mating with said flange, said inner wall defining at least one notch which engages with said at least one protrusion, thereby locking said closure to said container, said closure additionally having inner surfaces adjacent to said orifice and outer surfaces opposite said inner surfaces, said outer surfaces having at least two tab-like features for locating said closure, with said container attached thereto, relative to the reservoir, said tab-like features positioned and shaped so that said closure may be produced by an injection molding process, including a mold having only two separable parts, for ready removal of said closure, with said at least two tab-like features, from said mold; and
- a cover, operatively connectable to said closure, for selectively closing said orifice after said container is filled with particulate material and opening said orifice after said closure, with said container attached thereto, is located, by said at least two tab-like features, relative to the reservoir.

9. The replenishment receptacle of Claim 8, wherein said closure defines a groove and said cover slides into said groove.

10. The replenishment receptacle of Claim 9, wherein said cover has an inner side, facing said orifice, and an outer side, opposite said inner side, said inner side having a cellular urethane foam gasket connected thereto, for sealing against flow of the particulate material past said cover, thereby preventing leakage of the particulate material from said container.

11. The replenishment receptacle of Claim 10, wherein said
outer side of said cover has at least one ramp-shaped protruding feature, which
permits said cover to be inserted into said groove, but prevents said cover from
5 being fully withdrawn from said groove after being inserted into said groove.

12. The replenishment receptacle of Claim 10, wherein said
cellular urethane foam gasket thickness is in the range of 0.1-0.2 inches thick and
has density in the range 240-480 kg/cm³.
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13. The replenishment receptacle of Claim 12, wherein said
cellular foam gasket includes a laminated polyester film with thickness in the
range 0.001-0.002 inches.

14. A replenishment receptacle for containing particulate
material, and for facilitating replenishing the particulate material from said
replenishment receptacle into a reservoir of an electrostatographic reproduction
apparatus, said replenishment receptacle comprising:

a container, defining an orifice, and capable of being filled with
20 particulate material through said orifice, said orifice having sides protruding from
said container, said sides having inner surfaces adjacent to said orifice, and outer
surfaces opposite said inner surfaces, said outer surfaces having at least two
protruding features for locating said container relative to the reservoir; and

a cover, operatively connectable to said container, for selectively
25 closing said orifice after said container is filled with particulate material and for
opening said orifice after said container is located relative to the reservoir.

15. The replenishment receptacle of Claim 14, wherein said
inner surfaces of said sides define a groove and said cover slides into said groove.
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16. The replenishment receptacle of Claim 15, wherein said cover has an inner side, facing said orifice, and an outer side, opposite said inner side, said inner side having a cellular urethane foam gasket connected thereto, for
5 sealing against flow of the particulate material past said cover, thereby preventing leakage of the particulate material from said container.

17. The replenishment receptacle of Claim 16, wherein said outer side of said cover has at least one ramp-shaped protruding feature, which
10 permits said slide cover to be inserted into said groove, but prevents said slide cover from being fully withdrawn from said groove after being inserted into said groove.

18. The replenishment receptacle of Claim 16, wherein said
15 cellular urethane foam gasket thickness is in the range of 0.1-0.2 inches thick and has density in the range 240-480 kg/cm³.

19. The replenishment receptacle of Claim 18, wherein said cellular foam gasket includes a laminated polyester film with thickness in the
20 range 0.001-0.002 inches.